

PTO/SB/08B (08-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

2

**Complete If Known**

<b>Application Number</b>	<b>09/808,212</b>
<b>Filing Date</b>	<b>13 March 2001</b>
<b>First Named Inventor</b>	<b>GORE, Michael Graham</b>
<b>Art Unit</b>	<b>1648</b>
<b>Examiner Name</b>	<b>SCHEINER, Laurie A.</b>

Attorney Docket Number

13578US

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		AKERSTROM, Bo et al., Protein L: An Immunoglobulin Light Chain -binding Bacterial Protein, J Biol. Chem., November 25, 1989, Vol 264, pp. 19740-19746.	
		BECKINGHAM, Jennifer A. et al., Equilibrium and Pre-equilibrium Fluorescence Studies on the Interaction between Protein L and Kappa Light Chain, UK Biochemical Society, 38S Biochemical Society Transactions (1997) 25.	
		BJORCK, Lars, Protein L - A Novel Bacterial Cell Wall Protein with Affinity for Ig L Chains, The Journal of Immunology, February 15, 1988, Vol. 140, No. 4, pp. 1194-1197.	
		ENOKIZONO, Junichi et al. NMR Analysis of the Interaction between Protein L and Ig Light Chains, J. Mol. Biol., 1997, Vol. 270, pp. 8-13.	
		GOWARD, Christopher R. et al., Molecular Evolution of Bacterial Cell-surface Proteins, TIBS, April 1993, pp. 136-140.	
		KASTERN, William et al., Protein L: A Bacterial Immunoglobulin-binding Protein and Possible Virulence Determinant, Infection and Immunology, May 1990, pp. 1217-1222.	
		KASTERN, William et al., Structure of Peptostreptococcal Protein L and Identification of a Repeated Immunoglobulin Light Chain-binding Domain, J. Biol. Chem., June 25, 1992, Vol. 267, No. 18, pp. 12820-12825.	
		KIHLBERG, Britt-Marie et al., Protein LG: A Hybrid Molecule with Unique Immunoglobulin Binding Properties, J. Biol. Chem., December 15, 1992, Vol. 267, No. 25, pp. 25583-25588.	
		KIHLBERG, Britt-Marie et al., Characterization of the Binding Properties of Protein LG, an Immunoglobulin-binding Hybrid Protein, 1996, Eur. J. Biochem., Vol. 240, pp. 556-563.	
		KIM, David E. et al., The Single Helix in Protein L is Largely Disrupted at the Rate-limiting Step in Folding, 1998, J. Mol. Biol., Vol. 284, pp. 807-815.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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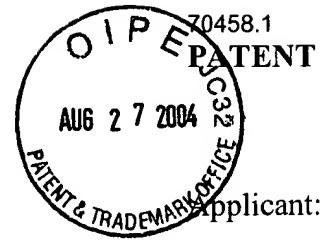
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MURPHY, Jonathan P. et al., The Functional Units of a Peptostreptococcal Protein L, 1994, Molecular Microbiology Vol. 12, No. 6, pp. 911-920.	
		MYHRE, Erling B. and ERNTELL, Mats, A Non-immune Interaction Between the Light Chain of Human Immunoglobulin and a Surface Component of a Peptococcus Magnus Strain, Molecular Immunology, 1985, Vol. 22, No. 8, pp. 879-885.	
		NG, James et al., Differentiation of Protein L-Containing and Albumin-Binding Peptostreptococcus magnus Isolates by DNA Amplification, Ribotyping, and Pulsed Field Gel Electrophoresis, 1996, Anaerobe, Vol. 2, pp. 95-102.	
		NILSON, Bo H.K. et al., Protein L from Peptostreptococcus magnus Binds to the Kappa Light Chain Variable Domain, February 5, 1992, J. Biol. Chem., Vol. 267, No. 4, pp. 2234-2239.	
		NILSON, Bo H.K., et al., Purification of Antibodies Using Protein L-binding Framework Structures in the Light Chain Variable Domain, 1993, Journal of Immunological Methods, Vol. 164, pp. 33-40.	
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		SJOBRING, Ulf et al, Ig-binding Bacterial Proteins Also Bind Proteinase Inhibitors, November 1, 1989, J. Biol. Chem., Vo. 143, No. 9, pp. 2948-2954.	
		WIKSTROM, Mats et al., Three-dimensional Solution Structure of an Immunoglobulin Light Chain-binding Domain of Protein L: Comparison with the IgG-binding Domains of Protein G, 1994, Biochemistry, Vol. 33, pp. 14011-14017.	
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		WIKSTROM, Mats et al., Proton Nuclear Magnetic Resonance Sequential Assignments and Secondary Structure of an Immunoglobulin Light Chain-binding Domain of Protein L, 1993, Biochemistry, Vol. 32, pp. 3381-3386.	

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Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



13578US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: GORE, Michael G. Examiner: SCHEINER, Laurie A.  
Serial No.: 09/808,212 Group Art Unit: 1648  
Filed: March 13, 2001  
For: Immunoglobulin Binding Protein  
Customer No.: 23719  
Kalow & Springut LLP  
488 Madison Avenue, 19th Floor  
New York, New York 10022

August 27, 2004

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Applicants submit herewith the following disclosure in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98.

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**Certificate of Express Mailing Under 37 C.F.R. § 1.10**

I hereby declare that on the date indicated below, this correspondence is being deposited with the United States Postal Service via Express Mail Label No. EV 279576883 US in an envelope addressed to: Mail Stop RCE, Commissioner For Patents, P.O. Box 1450, Alexandria, VA, 22313-1450 on the date shown below.

(Signature)

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(Printed Name of Person Signing Certificate)

27 AUGUST 2004  
(Date)

Applicant: GORE., Michael G.  
Serial No.: 09/808,212  
Filed: March 13, 2001  
Information Disclosure Statement  
August 27, 2004  
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#### NON PATENT PUBLICATIONS

AKERSTROM, Bo, *et al.*, Protein L: An Immunoglobulin Light Chain-binding Bacterial Protein Characterization of Binding and Physicochemical Properties, *Journal of Biological Chemistry*, pp. 19740-19746, Vol. 264, Issue November 25, 1989, The American Society for Biochemistry and Molecular Biology, Inc., U.S.A.

BECKINGHAM, Jennifer A., *et al.*, Equilibrium and pre-equilibrium fluorescence studies on the interaction between Protein L and kappa light chain, *Biochemical Society Transactions*, 1997, pg. 25, Department of Biochemistry, Institute of Biomolecular Sciences, University of Southampton, UK.

BJORCK, Lars, Protein L – A Novel Bacterial Cell Wall Protein with Affinity for Ig L. Chains, February 15, 1988, pp. 1194-1197, Vol. 140, No. 4, *The Journal of Immunology*, U.S.A.

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KASTERN, William, *et al.*, Protein L, a Bacterial Immunoglobulin-Binding Protein and Possible Virulence Determinant, May 1990, pp. 1217-1222, Vol. 58, No. 5, *Infection and Immunity*, American Society for Microbiology.

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KIHLBERG, Britt-Marie, *et al.*, Protein LG: A Hybrid Molecule with Unique Immunoglobulin Binding Properties, *Journal of Biological Chemistry*, December 15, 1992, pp. 25583-25588, Vol. 267, No. 35, The American Society for Biochemistry and Molecular Biology, Inc.

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KIM, David E., *et al.*, The Single Helix in Protein L is Largely Disrupted at the Rate-limiting Step in Folding, *J. Mol. Biol.*, 1998, pp. 807-815, Article No. mb982200, Academic Press-British Library.

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MURPHY, Jonathan P., *et al.*, The functional units of a peptostreptococcal protein L, Molecular Microbiology, 1994, pp. 911-920, Vol. 12.

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WIKSTROM, Mats, *et al.*, Proton Nuclear Magnetic Resonance Sequential Assignments and Secondary Structure of an Immunoglobulin Light Chain-Binding Domain of Protein L, Biochemistry, 1993, pp. 3381-3386, Vol. 32.

The items listed above are identified on the accompanying Form PTO SB/08. A copy of each of the items identified above is also submitted with this statement.

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Page 4 of 4

Applicants take no position on whether any of the items cited above and listed on the accompanying Form PTO SB/08 constitute prior art against the subject application under any particular provision of Title 35 of the United States Code.

Applicants submit that no fee is due in connection with this filing other than the enclosed \$770.00 fee for a Request for Continued Examination. If additional fees are deemed due, or overpayment has been made, please charge, or credit, Deposit Account No. 11-0171.

Respectfully submitted,



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Tor Smeland  
Registration No.: 43,131  
Attorney for Applicant

Kalow & Springut LLP  
(212) 813-1600